

**ABSTRACT OF THE DISCLOSURE**

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The invention relates to compositions effective for the cleansing of mammalian soft tissue optionally attached to bones, and particularly the removal of blood deposits and bone marrow therefrom. The compositions are composed of an aqueous solution containing as its essential ingredients a detergent having a functionality of the nature of a polyoxyethylene-23-lauryl ether, a detergent having a functionality of the nature of oxyethylated alkylphenol, and water, where the compositions are free from any membrane stabilizers. The present invention is also directed to a method and composition for cleaning cadaveric soft tissue optionally attached to bone to produce soft tissue grafts optionally attached to bone suitable for transplantation into a human. The present method involves removing bone marrow elements, blood deposits and any bacteria, virus or fungi contamination, from the donor bone and/or associated soft tissues.

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